

Title (en)  
SMART DEVICE FOR WINDING WATCHES

Title (de)  
INTELLIGENTE VORRICHTUNG ZUM AUFZIEHEN VON ARMBANDUHREN

Title (fr)  
DISPOSITIF INTELLIGENT DE REMONTAGE DE MONTRES

Publication  
**EP 3096191 A1 20161123 (FR)**

Application  
**EP 15167923 A 20150518**

Priority  
• EP 15167923 A 20150518  
• CH 6792015 A 20150518

Abstract (en)  
[origin: WO2016184736A1] Watch-rewinding device (1) comprising a support (2) to accept a watch in a rewinding position, a power source (3) powering a motor (4) designed to generate a mechanical rewinding movement. This device (1) comprises control means (100), comprising measurement means (10) with sensor means (20) for magnetically measuring the oscillator of a watch in the rewinding position, and which analyse signals transmitted by said measurement means (10) comparing them against setpoint values that can be parameterized in order to regulate the operation of said motor (4) by engaging said motor (4) when the working amplitude of said oscillator is below a minimum value and by stopping said motor (4) when the working amplitude of said oscillator exceeds a maximum value.

Abstract (fr)  
Dispositif (1) de remontage de montres, comportant un support (2) pour recevoir une montre en position de remontage, une source d'énergie (3) alimentant un moteur (4) agencé pour générer un mouvement mécanique de remontage. Ce dispositif (1) comporte des moyens de pilotage (100), comportant des moyens de mesure (10) avec des moyens capteurs (20) pour la mesure vibratoire ou/et acoustique ou/et magnétique de l'oscillateur d'une montre en position de remontage, et analysant des signaux transmis par lesdits moyens de mesure (10) et les comparant à des valeurs de consigne paramétrables pour réguler la marche dudit moteur (4) en enclenchant ledit moteur (4) quand l'amplitude de marche dudit oscillateur est inférieure à une valeur minimale, et en arrêtant ledit moteur (4) quand l'amplitude de marche dudit oscillateur est supérieure à une valeur maximale.

IPC 8 full level  
**G04D 7/00** (2006.01)

CPC (source: CH EP)  
**A47F 7/02** (2013.01 - EP); **A47F 7/022** (2013.01 - CH); **G04B 3/006** (2013.01 - EP); **G04B 5/20** (2013.01 - EP); **G04C 1/10** (2013.01 - CH); **G04D 7/009** (2013.01 - CH EP); **G04D 7/087** (2013.01 - EP); **G04D 7/1264** (2013.01 - EP); **G04D 7/1278** (2013.01 - EP); **G04D 7/1285** (2013.01 - EP)

Citation (applicant)  
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